

Date: _____

Name: _____

Assignment: Frequency Table and Histogram

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These are grades from Professor Eyesore's
Statistics Class:

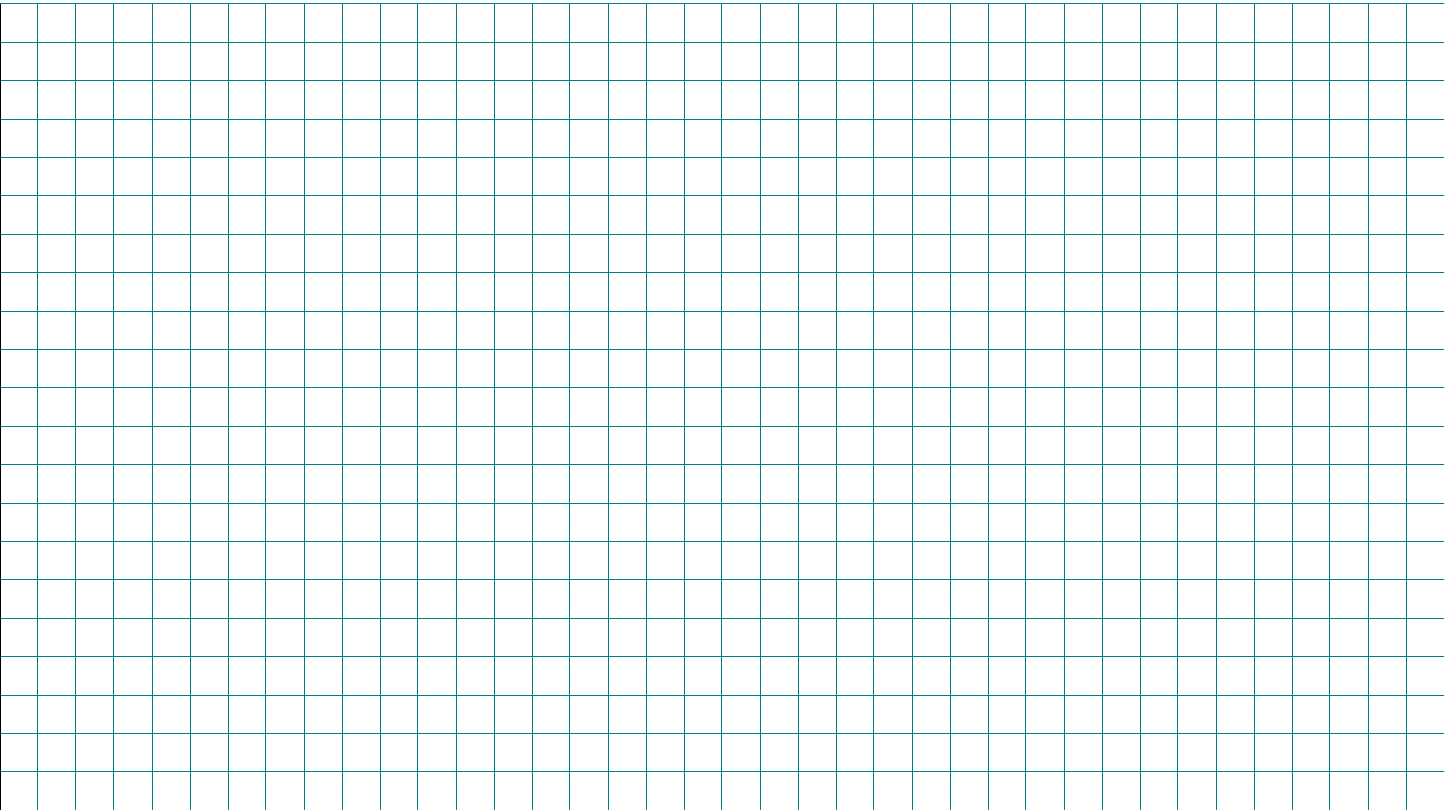
b) Use the data in the table on the left to create a
frequency table (on the right). /2

16	29	40	51	65	65	77	86
18	29	41	19	53	65	70	79
86	21	29	41	55	65	71	23
81	91	22	38	41	56	65	73
83	93	25	88	39	41	59	65
75	85	97	17	50	52	21	66

Grades -% (over-including)	Tally	Frequency (# of Grades)

a) Calculate the range. Divide by 8 intervals to find the size of each interval. (Show your work). Make
sure each grade interval is the same size. Make sure the smallest and largest number is included in the intervals. /2

b) Create a histogram of the data. Be sure to include a title and labels for the axes. TAILS /5



/2 c) What grade range did **most** students score between? __ to ____ and ____ to ____
d) Using the graph, determine how many students in Mr. Eyesore's class have a mark below 50%.